### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

### **CORRECTED VERSION**

# (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 8 April 2004 (08.04.2004)

PCT

## (10) International Publication Number WO 2004/028451 A3

- (51) International Patent Classification<sup>7</sup>: A61K 31/21, 31/27, 31/135, 47/00, C07C 69/00, 211/00, 215/00
- (21) International Application Number:

PCT/US2003/029818

(22) International Filing Date:

22 September 2003 (22.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/412,787

24 September 2002 (24.09.2002) US

- (71) Applicant (for all designated States except US): VIR-GINIA COMMONWEALTH UNIVERSITY [US/US]; 800 E. Leigh Street, Suite 113, Richmond, VA 23298 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GLENNON, Richard, A. [US/US]; 3810 Reed's Landing Circle, Richmond, VA 23113 (US). HELLBERG, Mark, R. [US/US]; 3002 Oak Cove Road, Arlington, TX 76017 (US).
- (74) Agents: WHITHAM, Michael, E. et al.; Whitham, Curtis & Christofferson, P.C., 11491 Sunset Hills Road, Suite 340, Reston, VA 20190 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

- (88) Date of publication of the international search report:
  10 September 2004
- (48) Date of publication of this corrected version:

21 October 2004

(15) Information about Correction:

see PCT Gazette No. 43/2004 of 21 October

see PCT Gazette No. 43/2004 of 21 October 2004, Section  $\Pi$ 

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: β-HYDROXYPHENYLALKYLAMINES AND THEIR USE FOR TREATING GLAUCOMA

(57) Abstract: β-hydroxyphenylalkylamines and their use for lowering and controlling ocular hypertension and treating glaucoma are disclosed.